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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/731,748
	Filing Date	December 9, 2003
	First Named Inventor	Charles R. Rapier
	Art Unit	1764
	Examiner Name	Thuan D. Dang
Total Number of Pages in This Submission	Attorney Docket Number	1856-42300 (9719.0-02)

## ENCLOSURES (check all that apply)

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Remarks		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm	CONLEY ROSE, P. C.	
Signature		
Printed name	Tod T. Tumey	
Date	March 8, 2005	Reg. No. 47,146

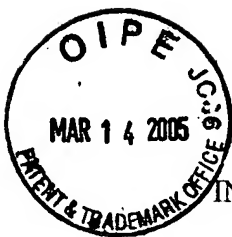
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146288.01/1856.42300

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Charles R. Rapier, et al.	§	
		§	
		§	
Serial No.:	10/731,748	§	Group Art Unit: 1764
		§	
Filed:	December 9, 2003	§	Examiner: Thuan D. Dang
		§	
For:	Reactor and Process for	§	
	Converting Alkanes to Alkenes	§	

**RESPONSE TO OFFICE ACTION DATED DECEMBER 9, 2004**

Mail Stop Amendments  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Att'y Docket No. 1856-42300

Date: March 8, 2005

Sir:

**INTRODUCTORY COMMENTS**

This paper is filed in response to the Office Action dated December 9, 2004. The Examiner is requested to enter the following amendments and consider the accompanying remarks. Reconsideration is respectfully requested.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 17 of this paper.